



**Supplementary Figure 2. Interaction of METTL1 and WDR4 (A).** Vectors expressing wild type FLAG-METTL1 and phosphorylation site mutants were co-transfected into the cells with a vector expressing HA-WDR4. 24 h post-transfection, each dish of cells was deprived of serum for a further 8 h and then lysed. FLAG-METTL1 or HA-WDR4 were then immunoprecipitated from 0.5 mg of cell lysate protein using anti-FLAG or anti-HA antibodies, respectively. Each immunoprecipitate was washed, denatured in SDS and subjected to SDS-PAGE. After transfer to immobilon P, the membranes were immunoblotted with anti-HA or anti-FLAG antibodies as indicated. A further 0.01 mg of cell lysate protein was immunoblotted without immunoprecipitation to assess the levels of expression of the transfected proteins. **(B).** The experiment was carried out after co-transfection of wild type FLAG-METTL1 and HA-WDR4 as in A, except that after serum starvation the cells were stimulated for 15 min with or without 20 ng/ml IGF-1. Immunoblotting was carried as in A, with the additional use of the pS/pT AKT-S phospho-specific antibody which recognises METTL1 phosphorylated at Ser27 (Cell Signalling Technologies).